Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 23 Oct 2021 until 23:59 on Sunday 24 Oct 2021

Forecast Issued on Saturday 23 Oct 2021 at 04:47

Confidence: High confidence in an unsettled main theme. Low confidence for details regarding rain on Tuesday and potential for a further wet and windy spell at very end of period.

Headline for Saturday 23 Oct 2021: Rather cloudy throughout Saturday, with winds strengthening.

Mountain weather hazards on Saturday 23 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
10%	10%	10%	10%	20%	20%

Forecast for Saturday 23 Oct 2021

Weather: Overcast cloud for much of Saturday with some early mist. A strengthening breeze soon clearing any mist into low cloud. Possible brighter interludes in the east later, ahead of an eventual thickening and lowering of cloud during the afternoon. Winds strengthening through the day, with a risk of gales developing during the evening.

Chance of cloud free mountain/hill tops above 600m: Perhaps peaking at 60 percent in the east by mid-afternoon.

Visibility: Poor in any early mist, otherwise moderate to good. Cloud perhaps clearing the highest ground by lunch before descending again in afternoon, perhaps eventually 400 metres on windward ground.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 23 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 S	18/24 S	20/29 SW	22/32 SW	22/34 S	23/35 S	22/34 S
300	3/11 S	9/20 S	13/27 S	14/28 S	13/28 S	13/28 S	14/30 S
Valley	4/16 S	9/21 S	12/25 S	13/27 S	12/27 S	13/29 S	14/30 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	6/1	7/2	7/3	7/2	6/1	6/1
300	7/6	8/6	9/6	10/7	9/6	9/6	8/5
Valley	9/8	10/8	11/9	12/9	11/8	10/8	10/7
Freezing Level*	1500m	1600m	1700m	1700m	1700m	1800m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasing wind-chill despite relatively mild temperatures. Winds strengthening gale during the evening at modest elevation, with care required given deteriorating visibilities and a lowering cloud deck.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 23 Oct 2021	4mm	5.8mm	12.2mm

Forecast for Sunday 24 Oct 2021

Weather: Soon becoming wet and windy during the morning, with gales in exposure. These conditions clearing eastwards during the afternoon, but leaving a legacy of scattered blustery showers, these mainly affecting the west. Probably on the cloudy side even after the main rain clears, with the best of limited brighter interludes in the east.

Maximum wind: Southwesterly 45-50mph. Gradually easing in afternoon.

Chance of cloud free mountain/hill tops above 600m: Perhaps 30 percent, mainly later in the east.

Visibility: Moderate improving very good, although deteriorations in showers.

Temperature: **Valleys:** Plus 6 becoming plus 14 degrees Celsius.
At 600m: Plus 9 degrees Celsius.
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.